

The Stability of Saw Blades Under Feed
Pressure, by A. Ye. Feoktistov.
RUSSIAN, per, Izvestiya VUZ Lesnoy Zh,
Vol 3, No 3, 1960, pp 95-106.
CFSTI TT 68-50397

Sci-Mat
Apr 69

380,301

Study of Cymene Recovery in the Sulphite Pulp
Industry, by B. D. Bogomolov, O. F. Gorbunova.
RUSSIAN, per, Izvest. Vyss. Ucheb. Zaved. Lesnoi
Zhur., 1960, pp 151-158.
NRC/Ref: C-4717

Sci -
Aug 67

334,913

Variations in Merchantability and Ages of
Technical Maturity of Volga Region Mountain
Stands of Oak High Forests in the Chuvash ASSR,
by M. N. Mikailov,
RUSSIAN, per, Izvestiya VUZ Lesnoi Zhurnal, Vol
IV, No 5, 1961, pp 16-20.
CPSTI TT 66-51101

USSR
Geog
Oct 66

313,065

Stresses and Strains in an Operating Saw
Blade, by Ye. D. Dobrynin.
RUSSIAN, per, Izvestiya VUZ Lesnoy Zh.,
Vol 5, No 5, 1962, pp 123-127.
CFSTI TT 68-50397

Sci-Mech
Apr 69

380,302

Organic Sulphur Compounds in Sulphate
Pulp Cooking, by B. D. Bogomolov,
G. P. Prokshin.
RUSSIAN, per, Izv. VUZ Lesnoi Zhurnal,
No 5, 1961, pp 147-155.
NLL Ref: 5828.4F 1965 (5798)

Sci-M&M
Jul 66

304,345

Stresses in Constant-Thickness Circular Saws
Due to Cutting Forces, by G. S. Gurkin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Les Zhur,
No 2, 1961, pp 102-111.

NLL RTS 2318
(loan copy)

CFSTI IT 64-13375

Jul 64

Plotting Instability Ranges for Circular Saws,
by G. I. Yuzefovich.

RUSSIAN, per, Iz Vysshikh Ucheb Les Zhur,
No 2, 1961, pp 112-120.

NLL RTS 2319
(loan copy)

CFSTI II 64-13376

Jul 64

The Characters o f Phenological Observations
in Forest Seed Growing, by F. I. Volkov,
RUSSIAN, per, Izvestiya VUZ Lesnoi Zhurnal, Vol
V, No 1, 1962, pp 34-37.
CESTI TT 66-51101

Sci-Agri
Oct 66

513,066

The Accuracy of Determining the Diameter of Logs by Means of Volume-Measuring Instruments of the Integrating Type for Longitudinal Flow of the Logs, by A. M. Kilyakov,
RUSSIAN, per, Izvestiya VUZ Lesnoi Zhurnal, Vol V, No 2, 1962, pp 152-160.
CISTI TT 66-51101

Sci-Agri
Oct 66

313,068

Composition of Timber Grades and Technical
Maturity of Pine Stands as Affected by Initial
Density, by V. F. Lebkov,
RUSSIAN, per, Izvostiya VUZ Lesnoi Zhurnal, Vol
V, No 5, 1962, pp 37-42.
CFSI TT 66-51101

Sci-Agri
Oct 66

313,067

Kinematics of Vibratory Cutting,
by A. Solov'ev.
RUSSIAN, per, Izv. VUZ Lesnoi Zhurnal,
No 6, 1962, pp 114-124.
NLL Ref: 9022.093B 1966 (7501)

Sci-Engr
Aug 66

308,501

Effect of Swaging and Forming on the Micro-hardness, Macrostructure, and Strain Distribution in the Teeth of Frame-Saw Blades,
by Ye. M. Borovikov.
RUSSIAN, per, Izvestiya VUZ Lesnoy Zh,
Vol 6, No 1, 1963, pp 119-126.
CFSTI TT 68-50397

Sci-Mat
Apr 69

380,303

The Study of Mycorrhizal Fungi of Wood Species
in Pure Culture, by O. A. Nevolin,
RUSSIAN, per, Izvestiya VUZ Lesnoi Zhurnal, Vol
VI, No 2, 1963, pp 13-21.
CFSTI TT 66-51101

Sci-Agri
Oct 66

313,069

Experimental Frame-Saw Installation for
Studying the Sawing Process, by
Ye. M. Borovikov.
RUSSIAN, per, Izvestiya VUZ Lesnoy Zh.,
Vol 6, No 3, 1963, pp 107-113.
CFSTI TT 68-50397

Sci-Mech
Apr 69

380,304

Effect of the Depth of Embedding on the
Germination of Seeds in Relation to the Time
Planting, by P.M. Malakhovets.
RUSSIAN, per, Izv. vyssh. ucheb. Zaved. Lesnoi
Zh. Vol. 6, No. 6, 1963, pp 9-13
NRC C-5769

Sci -
Aug 67

337-105

Pulling Capacity of Flat Transmission Belts,
by V. N. Balyasov.
RUSSIAN, par, Investiya VUZ mashinostroenie,
Vol 1, pp 90-100.
NLL Ref: RTS 3242

Sci/Mech, Indus, Civ & Mar Engr
Feb 68 349,668

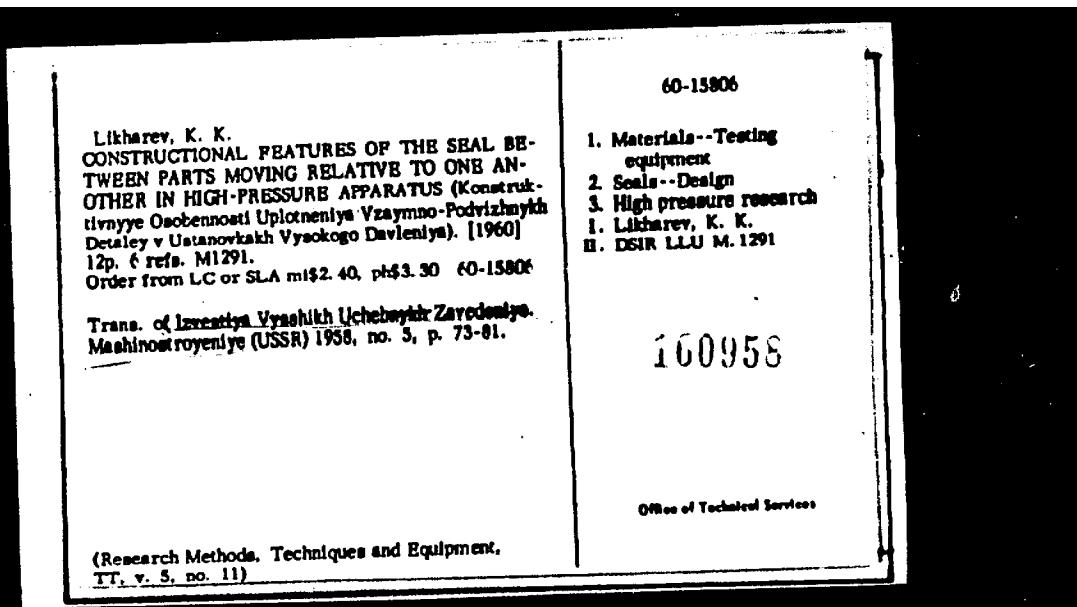
Using Radioactive Isotopes to Investigate the Wear of
Cutting Tools, by Ye. P. Nadeinakaya, 12 pp.

RUSSIAN, per, Iz Vsesokh Ucheb Zaved - Mash, No 3/4,
1958, pp 134-143.

ATTIC MIL-205/1

Sci - Engineering
Dec 60
e

134, 584



<p>Ionov, V. N. TEMPERATURE STRESSES IN AN ELASTIC CYLINDER, tr. by George N. Kaaschhoff and George F. Hill. 29 May 62 [12]p. 2 refs. AOMC Trans. nr 25-62. Order from OTS or SLA \$1.60 62-25116 Trans. of Izvestiya Vlyashikh Uchebnykh Zavodov, Mashinostroenie (USSR) 1958, no. 6, p. 75-80. DESCRIPTORS: *Cylindrical bodies, *Elasticity, Temperature, *Stresses, Tensor analysis. (Mechanics, TT, v. 8, no. 8)</p>	<p>62-25116 I. Ionov, V. N. II. AOMC Trans-25-62 III. Army Ordnance Missile Command, Redstone Arsenal, Ala.</p>	
<p>Office of Technical Services</p>		

The Cooling of the Turbines of High-Tempera-
ture Gas-Turbine Engines, 21 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Mash,
No 2, 1960, pp 19-30. 9668538

FTD-TT-63-33

Sci-Engr
May 63

230,829

A Study of Transient Aerodynamic Phenomena in
Axial Compressors, 18 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Mash, No 2,
1960, pp 66-77. 9668538

FTD-TT-63-33

Sci-Engr
May 63

230,822

Some Results of Study of Gas Turbine Rotor
Aircooling, by I. T. Shvets, E. P. Dyban.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Mash,
No 2, 1960, pp 167-176.

NASA TT F-8080

Sci - Engr

26 Dec 61

178, P51

Investigating Transient Aerodynamic Phenomena in
Axial Compressors, by G. S. Samoylovich, 18 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Mash, No 3, 1960,
pp 66-77. 966853. P

#FTD-TT-63-33

Sci - Engr

Jan 63

and Crystallization of Castings Under the Action of ~~Vibration~~
~~of~~ Ultrasound ~~on~~ the Liquid Metal, by G. F.
Balandin. ¹⁹⁶² ~~Vibration~~

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Mashinostroenie,
No 4, 1960, pp 24-31.

HB 4898

Engr
Sci - Min/Met

Sep 60

Effect of Mould Friction on Hot Tearing of Castings,
by Yu. A. Stepanov.

RUSSIAN, per, Iz Vysashikh Ucheb Zaved, Mashin,
No 4, 1960, pp 86-94.

HB 5339

Sci - Chem

May 62

196, 193

New Thermodiffusion Data on the Chromium-Molybdenum System, by D. A. Prokoshkin,
O. I. Sidunova, 8 pp.

RUSSIAN, per, Iz Vysok. Ushab Zaved Mash, No 5, 1960,
pp 101-~~102~~ 105. 9669390

REF ID: A6526
FTD-77-63-266

Sci-M/M
July 63

236,067

Experimental Investigation of the Flow of a
Vaporized Liquid Film ~~AMM~~ Along the Surface of
a Cone Blown by Gas, by V. N. Polyakov, 14 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Mash.
No 5, pp 140-148, 1960. 9678799

FTD-TT-62-1031

Sci-Phys
Dec 62

217.64

Some Mechanical Problems of Oblique-Angle Steel
Cutting, by D. Kozhevnikov.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Masch, No 6,
1960, pp 139-148.

CSIRO/No 5934

Sci-M & M
Mar 63

225,347

An Experimental Investigation of Evaporative Cooling of
the Surface of a Porous Cone with a High-Temperature
Gas Flow Passing Around it, by V. M. Polyayev, 19 pp.

RUSSIAN, per, Iz Vysokikh ucheb zaved Mash, No 7,
1960, pp 149-169. 9678634

160

R2D-TS-62-1032

Sci - Phys
Nov 62

216, 908

An Ultrasonic Method of Producing Chip Breakers, by
V. N. Verezub, A. F. Potapenko, et al, 7 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved ~~МММ~~ Mash,
No 8, 1960, pp 115-119, 9679786

FTD-TT-62-1266

Sci-Phys
Mar 63

2.2⁴, 705

Bases of Burner Theory for Liquid Fuel
With Gas Generator, by N. S. Lamkin,
9 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved.
Nash., No 11, 1960, pp 103-107. 9698957
FTD-TT-65-1034

Sci - Fuels & Prop
Feb 66

296,396

(DC-5487).

Successes of Soviet Electric Spindle Making,

RUSSIAN, per, Iz Vysshikh Ucheb Zaved - Mashinostroyeniye, No 11, 1960, 130-131,

*JPRS

USSR

Econ - Technological - Machine Building

1 Mar 61

Problems of Plate Flutter in Nonlinear Arrangement,
by R. D. Stepanov, 12 pp.
RUSSIAN, per, Iz Vysash Ucheb Zaved, Mash,
No 12, 1960, pp 46-54. 9696742
FTD-TT-64-596

Sci - Phys
May 65

280,444

The Coefficient of Friction in the Plastic Region of Contact, by B. P. Stoyukhin, 12 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Mash,
No 1, 1961, pp 32-38. 9671628

FTD MCL-1249/1

Sci - Min/Metal

174. 146

28 Nov 61

EFFECT OF REPEATED IMPACTS ON THE RESISTANCE OF STEEL
TO SMALL PLASTIC DEFORMATION, BY S. V. TOKLACHNIK,
12 PP.

RUSSIAN, PER, IZ VYSSHIXH UCHEB ZAVED, MASH,, NO 4,
1961, PP 101-107. 9678196

FTD-TT-62-515

SCI - MINERALS/METALS

212,372

11 OCT 62

Amplitudes of the Steady Flutter of Clamped
Panels, by B. P. Makarov.
RUSSIAN, per, Izv VUZ Mash, No 5, 1961,
pp 11-25.
NASA TT F-12,315

Sci-Phys
Jnue 69

383,237

The Suppression of Self-Oscillations in a
Servopilot System, by Yu. A. Gopp, 10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zave Mash,
MMXIXXX No 5, 1961, pp 26-32. 9678821

PTD-TT-62-876

Sci-Aero, Engr
Dec 62

3.7, 607

The Curvature of the Lateral Surface of the
Teeth of Generated Hypoid Bevel Gears,
by B. D. Zotov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved
Mash, Vol IX, 1961, pp 137-142.

NLL RTS 2523 (loan)

615 - 77 - 64-19119 10pp

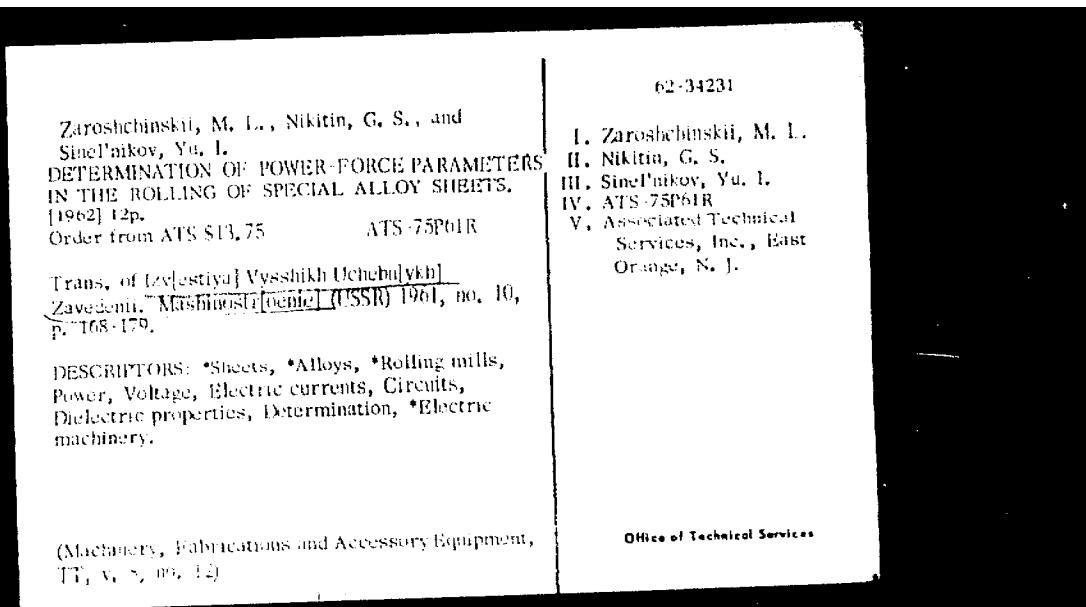
Sep 64

Method of Calculation of Generator Clearance of
a Liquid Fuel Injector, by N. S. Lamekin. 15 pp.
RUSSIAN, per, Izvestiya VUZ, Mashinostroyeniye,
No 10, 1961, pp 114-123. P100017266
FTD-MT-65-283

Sci/Propulsion & Fuels

Sep 66

309,385



Problems of Automating Machine Assembly, by
I. I. Kapustin, 21 pp. POST EDITED

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Mashin,
No 12, 1961, pp 64-75. 9694859

FTD-MT-64-229
GOV'T USE ONLY

Sci - Engr
Sept 64

267,300

Elements of the Theory and Method of Determining
the Dynamic Unbalance of Rotors, by V.Ye. Myachin,
12 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Nash, No 2,
1962, pp 5-13. 9679869

FID-TI-62-1332

Sci-Phys
Dec 62

219,370

Motion of an Asymmetrical Gyroscope Pendulum,
by P. M. ~~Alebuzhev~~, I. Ya. Shpigel'burd,
et al., 10 pp.

RUSSIAN, per, Iz Ucheb Zaved Mash, No 6,
1962, pp 64-70. # 9685069

PTD-TT-63-467

Sci-Engr

342,067

Aug 63

METHOD OF INVESTIGATING THE HARDNESS OF TITANIUM-
AND CHROMIUM-CARBIDE - BASE CERMETS AT NORMAL
AND ELEVATED TEMPERATURES, BY N. I. VALUYEV,
9 PP.

RUSSIAN, PER, IZVESTIYA VYSSHIXH UCHEBNYKH
ZAVEDENIY, MASHINOSTROYENIYE, NO 6, 1962,
PP 124-128.

JPRS 17040

SCI - M/M

JAN 63

219,602

THE THEORY OF LABOR PRODUCTIVITY AND PROBLEMS IN
THE DEVELOPMENT OF SCIENCE AND TECHNOLOGY, BY
G. A. SHAUMYAN, N. E. BAUMAN, 14 PP.

RUSSIAN, PER, 1Z VYSSHIKH UCHEB - ZAVED - MASHIN
NO 9, 1962, PP 5-14.

JPRS 18478

SCI - MISC

APR 63

225,832

Residual Stresses in the Metallic Surface
Impregnation of 1.0% C Tool Steel, by G. N.
Dubinin.

RUSSIAN, Izvest Vuz, Mashinostroenie, No 10,
p. 178-183. 1962.

HB 5923

Sci-M/N
Jan 64

246, 370

The Effect of the Angular of Cutting on the
Temperature of the Subsurface Layer of a Metal
Article that is Being Machined, by M. E. Irkin,
RUSSIAN, per, Izvestiya VUZ Mashinostroenie,
No 11, 1962, pp 193-198.
OTS TT 64-19854

Sept 66

309,109

Approximate Estimation of the Forming Energy of
Thin-Walled Components, by M. A. Anuchin,
L. P. Orlenko, 15 pp.
RUSSIAN, per, Iz Vysah Ucheb Zaved Mash, No 12,
1962, pp 158-167. 9693076
FTD-TT-64-249

Sci - Phys
Jul 64

263,454

Certain Results of Investigation of a
Centripetal Gas Turbine With Nozzle
Adjustment, by A. I. Loshkarev,
B. N. Bryukhanov, 23 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved,
Mash, No 2, 1963. pp 208-223. 9698903
FTD-MT-64-455

Sci - Engr
Jan 66

294,755

Effect of Operating Conditions and Gap
Size in the Connection of Plastic and
Metal Details on the Magnitude of the
Friction Coefficient, by Shen' Yum-Tsyu,
6 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved,
Nash, No 3, 1963, pp 82-86. 9698360
FTD-TP-65-737

Sci - II/b
NAv 65

201.060

Explosive Forming of Sheet Material, by
M. A. Anychin and O. C. Antonenkov, et al,
RUSSIAN, per, Izvestiya VUZ Mashinostroyeniye,
No 3, 1963, pp 184-199.
Army Mat Cmd
SI-7-75-570

JPRS 21459

Sci-Mech, Indsut, Civil & Marine Engr
Mar 67 320,118

EXPERIENCE AND PROBLEMS IN THE FIELD OF AUTOMATION
OF THE MACHINE-BUILDING INDUSTRY OF MOSCOW, BY
N. A. RAZUMOV, 11 PP.

RUSSIAN, PER, IZVEST VYSSH UCHEB ZAV MASHIN, NO 3,
1963, PP 209-217.

JPRS 21459

USSR
ECON
OCT 63

346,572

On the Movement of ~~in~~ the Blank in Free Explosive Forming,
by M. A. Anuchin.
RUSSIAN, per, Iz Vysshikh Ucheb Zaved Mash, No 5,
1963, pp 155-161.

*HB 5834

Sci k - Engr
Feb 64

Relation Between the Coefficient of Friction and the
Rheological Properties of the Materials Comprising
the Friction Pair, by N. Kapralova.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii
Mashinostroenie, No. 9, 1963, pp 114-119
CSIRO/No. 6947

Sci -
Aug 67

336-031

Calculation of heat transfer through a finned
wall, by V. L. Ivanov,
RUSSIAN, per, Izvestiya VUZ Mashinostroenie,
1963, No 9, pp 174-183
NLL RTS 3318
(ON LOAN OR PURCHASE)

Sci Phy
May 67

325,857

Calculation of Tangential Stresses During Metal
Cutting, by L. Sedokov.

~~ERMAN, Izvestiya Vysshikh Uchebnykh Zavedenii. Mash-~~
~~inostroende~~, No 10, 1963, pp 216-223.
CSIRO/No. 6979

Sci -
Aug 67

335,208

Connection Between the Type of Chip Texture
and the Geometry of the Deformation Zone, by
V. Sadchikov.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii Mashinostroenie, No. 11, 1963,
pp 177-183
CSIRO/No. 6978

Sci -
Aug 67

335-710

Effect of the Angle of Cutting on the
Temperature of the Subsurface Layer of a Metal
Article that is being Machined, by M. Itkin.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii Mashinostroenie, No. 11, 1963,
pp 193-198
CSIRO/No. 6960

Sci -
Aug 67

336-075

On Design Possibilities for Creating the Rigid
Antenna for a Parabolic Reflector of Great Dimensions,
by P. D. Kalachev, 14 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Mash, No 12,
1963, pp 49-158. 9695839
FTD-TT-64-597

Sci - Elec
Feb 65

274,082

The Metallurgy of Melding Cast Iron When Using
Natural Gas, by P. I. Gavrilov,
RUSSIAN, per, Iz Vyssh Ucheb Zaved, Mash, No 12,
1963, pp 193-202.
HB 6251

Sci-M & M
June 64

261,787

Coefficient of Chip Shrinkage, by V. Sadchikov.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii Mashinostroenie, No. 10, 1963,
pp 205-208
CSIRO/No. 6977

Sci -
Aug 67

335-709

Stability of a Corrugated Cylindrical
Shell Loaded by an External Pressure,
by V. F. Chizhov, N. E. Bauman, 17 pp.
RUSSIAN, per, Iz Vyssh Ucheb Zaved,
Mash, No 3, 1964, pp 35-46. 9698335
FID-MI-64-518

Sci - Phys
Oct 65

290,110

Theoretical Equations for Cutting Forces, by O.
Zvorykin,
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii Mashinostroenie, No 4, 1964, pp 46-130
CSIRO/No 7195

Sci -
Aug 67

336,746

Theoretical Studies on Carburetion in a
Combustion Engine with Fuel Feed Through
the Pre-Chamber, by L. M. Sobolev.
RUSSIAN, per, Izvestiya VUZ Mashinostroyeniye,
No 5, 1964, pp 126-132.
ACSI J-1357
ID 2204061066

Sci-Prop & Fuels
Feb 67

317,743

Effect of a Concentrator on the Stressed State and
Long Term Strength, by V. N. Boykov.
RUSSIAN, per, Izv. Vuz Mashinostroyenie, No 6, 1964,
pp 42-50.
BISI 4945

313,299

Sci - Materials
Nov 66

An Accelerated Method of Fatigue Testing and Parameters
of Fatigue Curves, by V. M. Grebenik.

RUSSIAN, per, Izvestiya VUZ. Mashinostroyeniye, No 6,
1964, pp 51--.

*FSTC-HT-23-0925-72

Dec 71

Studying the Behavior of Shells and Plates
Upon Impact, by A. S. Vol'mir, I. G. Kil'dibekov,
7 pp.

RUSSIAN, per, Iz Vysash Uchev Zaved Mash, No 7,
1964, pp 26-30. 9697283
FTD-TT-65-443

Sci-Phys
Jul 65

282,763

Effect of Axial Forces and Normal Pressure
on Free Oscillations of Cylindrical Shells
by I. S. Rakhimov, 10 pp.
RUSSIAN, per, Iz VUZ Mashinostroyeniye,
No 8, 1964, pp 42-48.
P100072766
FTD-TT-65-1035

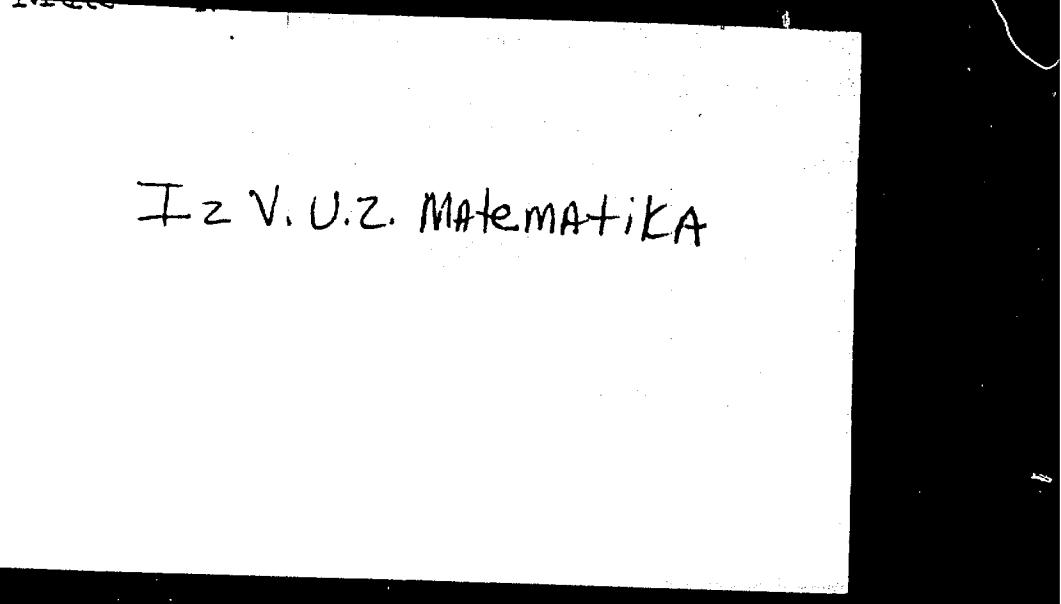
Sci-Phys
Jan 67

317,480

Hot Rolling of Bimetallic Sheet with a Thick
Copper Coating, by V. N. Klimov, 17 pp.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy. Mashinostroyeniye, No 012, 1964,
pp 161-171. P100337067
FTD-MT-65-462

Sci-Materials
Jan 68

346,485



Iz V. U.Z. MATEMATIKA

On the Structure of Mikusinski Operators in a
Pseudonormed Space, by I. I. Rjabcev, 12 p.
RUSSIAN, per, Izvestiya Vyss Ucebn Zaved Matematika,
No 1(2), 1958, pp 143-151.

Am Math Soc
Vol LIII, Ser 2

Sck-Math
Jun 66

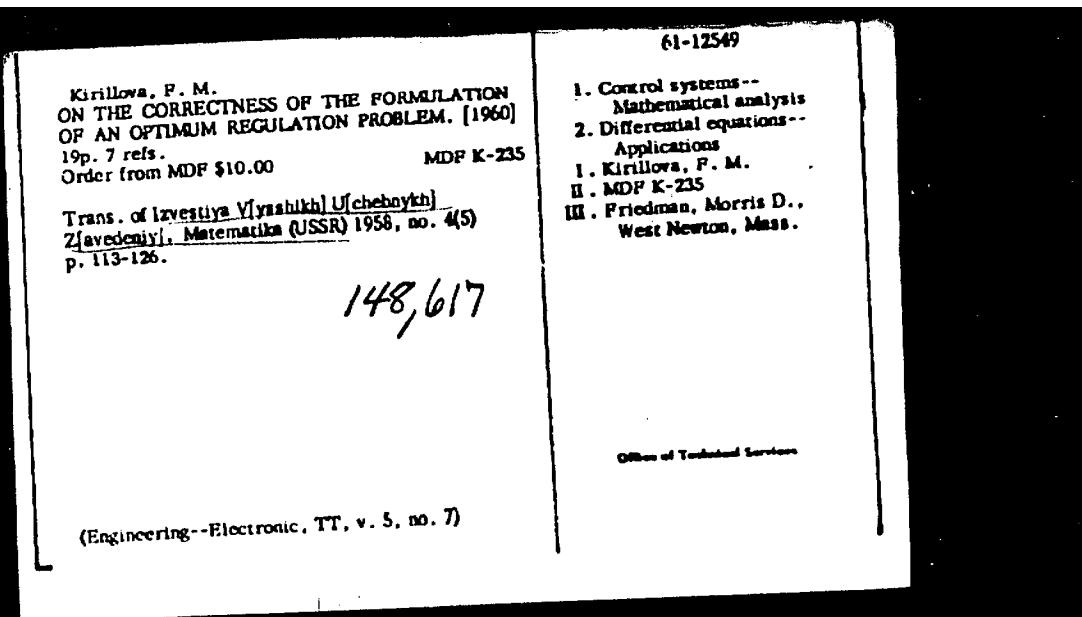
303,721

Local Properties of Mikusinskii Operators, by I.
I. Rjabcev, 10 p.
RUSSIAN, per, Izvestiya VUZ Matematika, No 3(28),
1962, pp 143-150.

Am Math Soc
Vol LIII, Ser 2
Vol LIII, Ser 2

Sci-Math
Jun 66

303,731



On the Solvability of Some Basic Problems
Concerning Free Thermal Convection of Liquids
by I. G. Sereuk, 6 pp

Russ. J. phys., Iz Vyssh Ucheb Zaved Matematika
(Kazan), No. 4, 1958, pp. 218-221. 9679882

PTD-TR-62-1613

Sci-Phys
Apr 63

226,721

Calculation of Continuous Integrals by the Monte Carlo
Method, by I. M. Gel'fand, A. S. Frolov, et al, 16 pp.
RUSSIAN, per, Iz Vysash UKchab Zaved Matemat, No 5,
1958, pp 32-45. 9222212
AEC-UCRL-Tr-1040(L)

Sci-Math
Jun 64

259,761

Machine Translation From French Into Russian,
by O. S. Kulagin, 8 pp. UNCL

RUSSIA, per, In Vysshikh Uchebnykh Zavedeniy:
Matematika, No 5, 1959, pp 46-51.

JFKS 621-D

Lending Library Unit
Translations Bulletin
Feb 1959

Sci - Misc
Apr 59

85,123

Lozinskii, S. M.

ERROR ESTIMATES FOR THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS, I (Otsenka Pogreshnosti Chislennogo Integrirovaniya Obyknovennykh Differentsialnykh Uravnenii, I). Sep 62 [75]p. 21 refs.
Order from OTS or SLA \$7.60

62-20210

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Matematika (USSR) 1958, no. 5, p. 52-90.

DESCRIPTORS: *Differential equations, Equations,
*Integration, Errors, Numerical analysis.

Contents:

Summary of notations and preliminary lemmas for an
error estimate of numerical integration
Error estimate for extrapolation methods of numerical
Integration.
(Mathematics, TT, v. 9, no. 11)

62-20210

I. Lozinskii, S. M.

Office of Technical Services

Aleksandrov, A. D.
INVESTIGATIONS OF THE MAXIMUM PRINCIPLE
[Issledovaniya o Printsipe Maksimuma]. [1961] [76]p.
4 refs.

Order from OTS or SLA \$7.60 61-16082

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniy.
Matematika (USSR) 1958, no. 5, p. 126-157.

DESCRIPTORS: *Operators (Mathematics), Calculus of
variations, Functions, Real variables.

(Mathematics, TT, v. 9, no. 8)

61-16082

1. Title: Maximum principle
1. Aleksandrov, A. D.

Office of Technical Services

On the Representability of Large Numbers of Forms
of General Type, with a Large Number of Variables,
by V. A. Tartakovskiy, 16 p.
RUSSIAN, per, Izvestiya VUZ Matematika, No 1(2),
1958, pp 161-172.

Am Math Soc
Vol XLVI, Ser 2

Sci-Math
Jun 66

302,606
~~X192066~~

S-5161

(DC-2809).

Mathematical Problems in Cybernetics, by A. A.
Lyapunov, 13 pp.

RUSSIAN, per, Iz Vysshikh Uchebnykh Zavedeniy -
Matematika, Ned 5 (6), Kazan, 1958, pp 166-174.

JPRS-876-D

Sci - Math
Aug 59

94, 751

KA The Relation Between the Rate of Growth of an Entire Function of Several Complex Variables and the Set of Singular Points of Its Associated Function, by M. S. Stavskiy, 9 pp.

RUSSIAN, per, Iz Vynashikh Ucheb Zaved Mat,
no 2(9), 1959, pp 227-232.

Amer Math Soc

Sci-Math

246,449

Jan 64

Determination of the Domain of Convergence of
Multiple Power Series, by E. A. Asadullin,
8 pp.

RUSSIAN, per, Iz Vyschikh Ucheb Zaved, Matemat,
No 4 (11), 1959, pp 21-26.

MDF A-1A4

Sci - Electron

Mar 61

142,611

On Matrices Commuting With Their Derivative, by
Yu. S. Bogdanov, G. N. Chebotarev, 14 pp.

RUSSIAN, per Izv VUZ, Mat., No 4 (11), 1959,
pp 27-37. CIA 9079402

Morris D Friedman B-161

Sci - *math*
Aug 61

16³/₈ 102

On the Theory of the distribution of Roots
of Algebraic Polynomials, by V. A. Zniorovich,
10 pp.

BUJSHAM, per, In Vyschish Ucheb Zaved.
1959, No 4 (11), 1959, pp 56-63.

ADF Z-125
9093242

Sci

/73, 359

17 Nov 61

On Asymptotic Properties of Positive Methods of
Summing Fourier Series, by E. A. Komleva, 7 pp.

RUSSIAN, per, Iz Vyschikh Ucheb. Zaved. Matemat.
No 4(11), 1959, pp 89-93.

MDF K-213
9092909

173,809

Sci

Nov 61

On the Integration of a Linear Second
Order Differential Equation With a
Variable Coefficient, by N. A. Panikar,
4 pp.

RUSSIAN, per, iz Vysshikh Ucheb Zaved
Matemat., No 4(11), 1959, pp 122-125.

MDF P-149
2023067

Sci
Nov 61

173.317

A Study of the "Triangular Form" of Nonselfadjoint
Operators, by L. A. Sahnovoc,
RUSSIAN, per, Izv. VUZ Matematika, No 4(11), 1959,
pp 141-149.
Am Math Soc
Vol LIV, Ser 2

Jan 67

316,795

Solution of Differential-Difference Equations
with Linear Coefficients, by M. A. Saldatov,
13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Matemat,
No 4 (11), 1959, pp 150-160.

MDF S-160

Sci - math
Jul 61

161, 376

On the Approximation of Continuous Functions by
Entire Functions on the Real Axis, by G. M.
Avetisian, 16 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Matemat,
No 5 (12), 1959, pp 3-15.

MDF A-147

Sci - Engr

Mar 61

142,613

Numerical-Graphical Method of Solving Boundary
Problems for Second Order Ordinary Differential
Equations, by A. G. Anisimov, 8 pp.

RUSSIAN, par, Iz Vysshikh Ucheb Zaved, Matemat,
No 5 (12), 1959, pp 40-47.

MDF A-146

Sci - Math

Mar 61

142,612